

Clareti VME

Altadata

Transforming the way VME works for you

If you had an application data corruption, could you afford to be without Altadata?

Overview

We hope an application data corruption never happens to you. But as we all know it can and does happen, and usually when you least expect it. In these circumstances Altadata becomes invaluable by saving hours of downtime, hours of programming effort and potentially large bills for expert help.

Altadata is a software tool kit that provides flexible access to any IDMSX database. It can export data to desktop, server and UNIX systems and is the industry standard IDMSX interactive tool kit.

Through the use of its retrieving, updating and output selections, it can locate, manipulate and extract data from IDMSX databases to be incorporated into desktop, server and UNIX based systems.

It enables a reduction in IDMSX development and testing time, ensures a secure live test environment, and provides a safe method of routine database maintenance with a full audit trail of amendments.

Hundreds of organisations use Altadata's flexibility and find it invaluable when developing, modifying or exporting IDMSX data. The product is supported by a programme of training and workshops to enable users to appreciate its full scope and versatility.

Above all, when dealing with IDMSX data, Altadata's facilities are quick, safe, easy to use and auditable.

Benefits

- EXPORTS DATA TO DESKTOP, SERVER & UNIX BASED SYSTEMS Altadata can extract data from IDMSX in a format that can easily be imported into desktop, server and UNIX based systems.
- REDUCES DEVELOPMENT TIME Altadata speeds development time by enabling users to set up and load large volumes of test data, with very little effort.
- A BETTER TEST ENVIRONMENT Altadata saves testing time by being able to display the state of a database after a test run, interactively or by printed report.
- A SECURE LIVE ENVIRONMENT Altadata enables the controlled correction of live databases, in such a way as to ensure that all security and permission levels have been properly authorised.
- A COMPLETE AUDIT TRAIL Altadata ensures that a full audit trail of amendments is available to the database administrator and the appropriate authorities.
- Altadata can be used by less experienced IDMSX technical staff as a training aid to understand IDMSX concepts and principles.
- Database administrators have total control over database updates. Security features include selective command inhibition, as well as adherence to the rigours of the storage schema controls.
- Altadata allows immediate and interactive access to data in the database during and after the development of an IDMSX system.
- The software enables interactive access to almost any data structure, including non-IDMSX (Recman) files, relational or other databases.
- Altadata provides convenient commands to read/update the contents of the database which mirror the equivalent COBOL Data Manipulation Language (DML) verbs, which are orientated toward interactive use.
- Altadata's style is close enough to DML to allow an IDMSX programmer to use it intuitively almost immediately.
- Each command causes the execution of a set of DML statements, surrounded by a READY and FINISH, thus ensuring that no part of the database is locked between Altadata commands.

Technical View

- Altadata is a software tool kit which provides a flexible, interactive access to any IDMSX database.

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- It is powerful enough to enable the user to express the most demanding of requirements in a very small number of commands.

Commands

- REPEAT is one of Altadata's many unique actions. It causes a set of Altadata commands to be repeated until a specified condition is reached.
- LOOK and LIST actions are implicit in all commands, they display the contents of database records to the screen and also write them to a listing file.
- REPORT format is a powerful facility enabling the user to LOOK or LIST in report or edited format, complete with appropriate page headings, literals and control characters.
- CALC and KEY commands both provide facilities for retrieving records by specified key value.
- The EXTRACT command provides the user with a flexible method of extracting data from the database for subsequent transfer to another database either within the same system or external to it.
- The MODIFY command provides facilities for modifying records already stored in the database. The record may be modified in various formats.
- The STORE command provides powerful facilities for storing data in the database. Four main formats are provided – field (F), natural (N), serial (S) and template (T).

About Gresham

Gresham Computing plc (LSE:GHT) specialises in the provision of real-time financial solutions to banks and corporates, and has a well-deserved reputation for technical excellence, reliability and a strong service culture. Our storage division helps the largest data users to better manage the unrelenting growth of data.

Further information

For more information on how Clareti System Management can help your company visit

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